United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Monday, June 26, 2006
From: Tom Cook

To:
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Afif Marouf, U.S. EPA
Bruce Everetts, Illinois EPA
Stephen Mendoza, U.S. EPA
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Subject: Ongoing Site Activities
Ingersoll Removal
1000 W 120th street, Chicago, IL
Latitude: 41.6764000
Longitude: -87.6469000

POLREP No.:	10	**Site #:**	B5CW
Reporting Period:	June 8, 2006-June 24, 2006	**D.O. #:**	0057
Start Date:	1/18/2006	**Response Authority:**	CERCLA
Mob Date:	1/18/2006	**Response Type:**	Time-Critical
Demob Date:		**NPL Status:**	Non NPL
Completion Date:		**Incident Category:**	Removal Action
CERCLIS ID #:		**Contract #**	68S50306
RCRIS ID #:			

Site Description
The detailed site description can be found in POLREP #1

Current Activities
ERRS has continued dewatering of the basements of Building 811, 912, 916 and 924 during the reporting period. Wastewater was transferred to the temporary wastewater containment pit on site, west of Building 924.
ERRS continued ACM removal in Buildings 511, 512 and the adjacent corridor, and Buildings 912 and 925. Approximately 2,250 linear feet of ACM pipe wrap was removed during the reporting period. An exclusion zone was created around the work areas with caution tape, and water suppression and glovebags were used to prevent the release of ACM fibers to the atmosphere. Continuous personnel and area air monitoring was conducted by START. ACM debris has been double-bagged, labeled, and consolidated into a 30-yard rolloff box on site.
ERRS also continued excavating contaminated sludge and debris from pits and sumps in Buildings 912, 924, 925, and 928 and in furnaces 4, 5, and 6 and furnace pits in Building 924. Debris removed from these areas was stockpiled in Buildings 912 and 924. Backfilling of cleaned-out sumps and pits with clean fill also continued.
On June 8, 2006, a representative from Chicago Water Management was on site to meet with the OSC.
On June 16, 2006, ERRS repaired fencing along 119th Street at Morgan Street. The fence had been vandalized.
On June 22, 2006, U.S. EPA representatives Rick Karl, Charles Gebien, Andy Anderson, and Maryann Lafaire were on site to collect video documentation of site activities.

All oily water removed from the basements of Buildings 811, 912, 916 and 924 was transferred to the on-site non-TSCA temporary wastewater containment. Approximately 35,500 gallons of wastewater were hauled offsite to the Clean Harbors Services, Inc. treatment facility in Chicago, IL., during the reporting period. Loads were transported on June 14, 15, and 22, 2006.

Air Sampling and Monitoring:

During this reporting period, START collected daily asbestos air samples from the breathing zone of ERRS laborers and the perimeter of the work area on the days that asbestos removal work was being performed. One asbestos air sample was collected daily from one ERRS laborer and four or five samples were collected from around the perimeter of the work area. The perimeter samples covered all four compass directions and one additional location. On June 13, 2006, analytical results of samples from the north perimeter and east perimeter showed asbestos levels of 0.012 F/cc which is above the U.S. EPA

residential level of 0.010 F/cc. ERRs was encouraged to wet ACM during dry and windy conditions, and the OSC has requested continued asbestos air monitoring. Analytical results have indicated that all levels of asbestos in air have been below permissible exposure levels. Due to the continuous change in work activities and the number of interconnected buildings on site, the OSC has recommended that the workers continue to dress in Level C PPE (level C) while performing removal work.

Based on previous air monitoring results and the fact that no new activities have been conducted during the reporting period, START did not conduct air monitoring during the reporting period with a personal data RAM (PDR) or a MultiRae® five-gas photo-ionization detector (PID). All on-site monitoring results for these instruments to date have been at background levels.

Liquid Sampling:

Heavy rains fell in the area during the week ending June 23, 2006, and a manhole near the north-central portion of building 1018 overflowed with oily water. On June 23, 2006, START collected sample MH001-1018-0623 from that manhole and submitted it for analysis of VOCs, and PCBs. Samples were submitted to Microbac Labs in Merrilville, IN.

Wipe Samples:

No wipe samples were collected during this reporting period.

Solid Samples:

On June 23, 2006, START collected two soil samples, S001-0912-0623-1-3 and S002-0912-0623-1-3, from the eastern and western portions of the former conveyor belt located south of building 912, respectively. The soil samples were submitted to Microbac Labs in Merrilville, IN, for analysis of PCBs.

For additional information regarding site removal activities and sampling, see the Summary of Activity and Samples table in the documents section.

Planned Removal Actions

To mitigate the threats to human health and the environment posed by conditions at the Former Ingersoll Site, the U.S. EPA plans to:

•• Fortify and maintain site security to prohibit the public from entering the site;
•• Evaluate the nature of liquid in on-site sumps, pits, vaults, basements, and manholes, and remove and dispose of contaminated liquid and sediment from those areas;
•• Evaluate transformer pads for PCB contamination and remove those pads that are contaminated;
•• Decontaminate surfaces contaminated with PCBs; and
•• Evaluate the exposure of nearby populations to asbestos fibers that may migrate from the site property and remove the ACM from the site.

Next Steps

•• Continue with ACM removal;
•• Continue stockpiling debris and floor scrapings from within facility buildings;
•• Continue the extent of contamination survey of on-site sumps, pits, vaults, basements, and manholes containing liquid as well as potentially impacted soil;
•• Continue de-watering contaminated liquid from sumps, pits, vaults, basements, and manholes;
•• Continue power washing surfaces, excavation of pits and trenches, and backfilling open pits and trenches with clean fill;
•• Continue collecting air samples for asbestos from worker breathing zones;
•• Continue to document site activity and conditions;
•• Evaluate analytical results from samples collected on-site as they become available; and
•• Transportation and disposal of liquid and solid waste.

Key Issues

•• Meeting transportation and disposal analytical requirements for debris and floor scrapings that have been stockpiled;
•• Handling contents of on-site sumps, pits, vaults, basements and manholes that may contain standing or running liquid with potentially elevated levels of toxic and hazardous constituents;
•• Covering remaining manholes, pits and trenches; and
•• Taking all proper measures to keep airborne asbestos and lead contamination below OSHA and EPA

standards.

response.epa.gov/IngersollRemoval